

CHERNYAVSKIY, N.

DAVIDENKO, G. (gorod Odessa); RODIONOV, V. (gorod Odessa); POBEGAYLO, D. (gorod Kamenets, BSSR); ~~CHERNYAVSKIY, N.~~ (Khabarovskiy kray).

Prolong the duration of films. (Responses to comrade Khromykh's article).
Kinomekhanik no.4:28-30 Ap '53. (MLRA 6:0)

CHERNYAVSKIY, N.D., kand, tekhn. nauk; SYTNIK, V.A., inzh.

Panels made of the new "SK" material to be used in building
prefabricated houses. Stroi.prom. 17 no.10:17-18 0 '49.
(MIRA 13:2)

(Building materials) (Buildings, Prefabricated)

CA CHERNYAVSKIY, N. D.

Lime solutions for masonry work in freezing weather.
N. D. Chernyavskii. *Straitel. Prom.* 27, No. 11, 11-13
(1949). Sand-lime and slag-lime solns. made up with
ground CaO and a CaCl₂ soln. set rapidly in freezing
weather and attain high mech. strength. X-ray examn.
shows distinct cryst. structure, no different from the struc-
ture of similar masses setting at normal temps. without
CaCl₂. The effect of CaCl₂ is attributed to retardation of
freezing and to an acceleration of the hydration of CaO.
Addn. of finely ground granulated slag is favorable.
N. Thou

TYURIN, Sergey Timofeyevich, kand. tekhn. nauk; BAZANOVA, Adelaida Ivanovna, nauchn. sotr.; IL'CHENKO, Boris Nikolayevich, nauchn. sotr.; AVDEYEVA, A.V., doktor tekhn. nauk, prof., retsenzent; SKURIKHIN, I.M., kand. tekhn. nauk, retsenzent; CHERNYAVSKIY, N.F., inzh.-konstruktor, retsenzent; SEBKO, G., red.; VASIL'YEV, I., red.

[Protective coatings of containers in wine making] Zashchitnye pokrytiya rezervuarov v vinodelii. Simferopol', Izd-vo "Krym," 1965. 103 p. (MIRA 18:5)

1. Zaveduyushchiy laboratoriyey Vsesoyuznogo nauchno-issledovatel'skogo instituta vinodeliya i vinogradarstva "Magarach" (for Tyurin). 2. Laboratoriya Vsesoyuznogo nauchno-issledovatel'skogo instituta vinodeliya i vinogradarstva "Magarach" (for Bazanova, Il'chenko).

CHERNYAVSKIY, N.M.

New modernized models of the camera "Kiev." Zhur. nauch. i prikl.
fot. i kin. 3 no.1:72-73 Ja-F '58. (MIRA 11:2)
(Cameras)

ACC NR: AT6035485

SOURCE CODE: UR/2572/66/000/012/0072/0084

AUTHOR: Solomin, V. I. (Candidate of technical sciences); Chernyavskiy, O. F. (Engineer); Komov, V. S. (Engineer); Shirokov, V. N. (Engineer)

ORG: None

TITLE: Calculation of a conical shell on a digital computer

SOURCE: Raschety na prochnost'; teoreticheskiye i eksperimental'nyye issledovaniya prochnosti mashinostroitel'nykh konstruktsiy. Sbornik statey, no. 12, 1966, 72-84

TOPIC TAGS: conic shell structure, computer application, thin shell structure, shell theory

ABSTRACT: The authors consider a thin elastic conical shell with a load and thickness which vary arbitrarily along the meridian. It is assumed that temperature varies along the generatrix as well as with respect to thickness. The elastic constants are taken as independent of temperature. The computer program used for solving the problem is based on the method of finite differences combined with the method of initial parameters. The program is compact, taking up only 30% of the operative memory of the "Minsk-14" digital computer. The small size of this program gives potential applicability as a component part of a more general program for calculating structures where one of the elements is a conical shell. Machine time is only about ten minutes for computation of all nodal stresses and displacements for the case of

Card 1/2

ACC NR: AT6035485

120 nodes (240 unknowns). The program is used at the Chelyabinsk Tractor Plant for strength calculations of conical shells. The initial equations are derived and the computational algorithm is given as well as a brief description of the program and a specific example of application. Orig. art. has: 9 figures, 2 tables, 30 formulas.

SUB CODE: ¹³~~2,1~~ 09/ SUBM DATE: None/ ORIG REF: 005

Card 2/2

K

Country : BULGARIA

Category: Forestry. Forest Biology and Typology.

Abs Jour: RZhEiol., No 11, 1958, No 48708

Author : Chernyavskiy, P.

Inst : Forestry Institute, Bulgaria

Title : Anomalies in the Blossoming of the Beech.

Orig Pub: Izv. In-ta za gorata. D"lg. AN 1957, 2, 371-382

Abstract: Phenomena of the masculinization of the flowers and inflorescences of the beech were observed in 1951 at the leskhoz (forestry establishment) of Ribaritsa (Bulgaria) where the leaves, the flowers and the young twigs in the plantings were injured by frost. In the summer, many cupules were found on the lower branches of two beech trees. The cupules had at their edges fully developed male

Card : 1/2

K-4

CHERNYAVSKIY, P. A.

CHERNYAVSKIY, P. A.: "The temperature dependency of the viscosity of certain polymorphic substances." Min Higher Education Ukrainian SSR. Khar'kov Polytechnic Inst imeni V. I. Lenin. Khar'kov, 1956. (Dissertation For the Degree of Candidate in Chemical Science.)

Knizhnaya letopis'
No 32, 1956. Moscow.

1. The first part of the document is a list of the names of the individuals who were involved in the project. The names are listed in alphabetical order and are as follows:

1.1. The first part of the document is a list of the names of the individuals who were involved in the project. The names are listed in alphabetical order and are as follows:

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1.4. The fourth part of the document is a list of the names of the individuals who were involved in the project. The names are listed in alphabetical order and are as follows:

1.5. The fifth part of the document is a list of the names of the individuals who were involved in the project. The names are listed in alphabetical order and are as follows:

Exactly SOV/32-24-10-49/70
An Automatic Apparatus for Measuring the Viscosity of Liquids

of the stop watch. At a temperature held constant within $0,01^{\circ}$ and a sensitivity of the stop watch of 0,01 seconds the measuring difference is not more than 0,03 seconds, which corresponds to hundredths of percents at a flow rate for the liquid of about 100 seconds. There is 1 figure.

ASSOCIATION: Khar'kovskiy politekhnicheskii institut im. V. I. Lenina
(Khar'kov Polytechnical Institute imeni V. I. Lenin)

Card 2/2

CHERNYAVSKIY, S.I.

Mechanization of labor consuming work in press shops abroad.
Avt. 1 trakt. prom. no.1:44-46 Ja '56. (MIRA 9:6)
(United States--Sheet-metal work)

CHERNYAVSKIY, S.I.

Presses for automatic stamping production lines. Avt. 1 trakt.
prom. no.6:42 Je '56. (MLRA 9:9)

(Power presses)

VITEVSKIY, Ivan Vasil'yevich; ~~CHEERNYAVSKIY, Simon Nisonovich; YAKOVLEV,~~
D.V., inzh., red.; ~~KHITROV, P.A., ~~collected~~ red.~~

[Design and repair of direct current electric locomotives]
Ustroistvo i remont elektrovozov postoiannogo toka. Moskva,
Gos.transp.zhel-dor.izd-vo, 1959. 494 p. (MIRA 12:12)
(Electric locomotives)

LIBMAN, Grigoriy Markovich; CHERNYAVSKIY, Simon Nisonovich; RIVIN,
I.M., inzh., преподаvatel'; GORCHAKOVA, O.D., red.

[Systems and operation of d.c. locomotives] Ustroistvo i
rabota elektrovozov postoiannogo toka. Moskva, Transport,
1964. 343 p. (MIRA 17:9)

1. Omskaya tekhnicheskaya shkola (for Rivin).

BONDARENKO, B.R.; YANOV, V.P.; CHERNYAVSKIY, S.N.

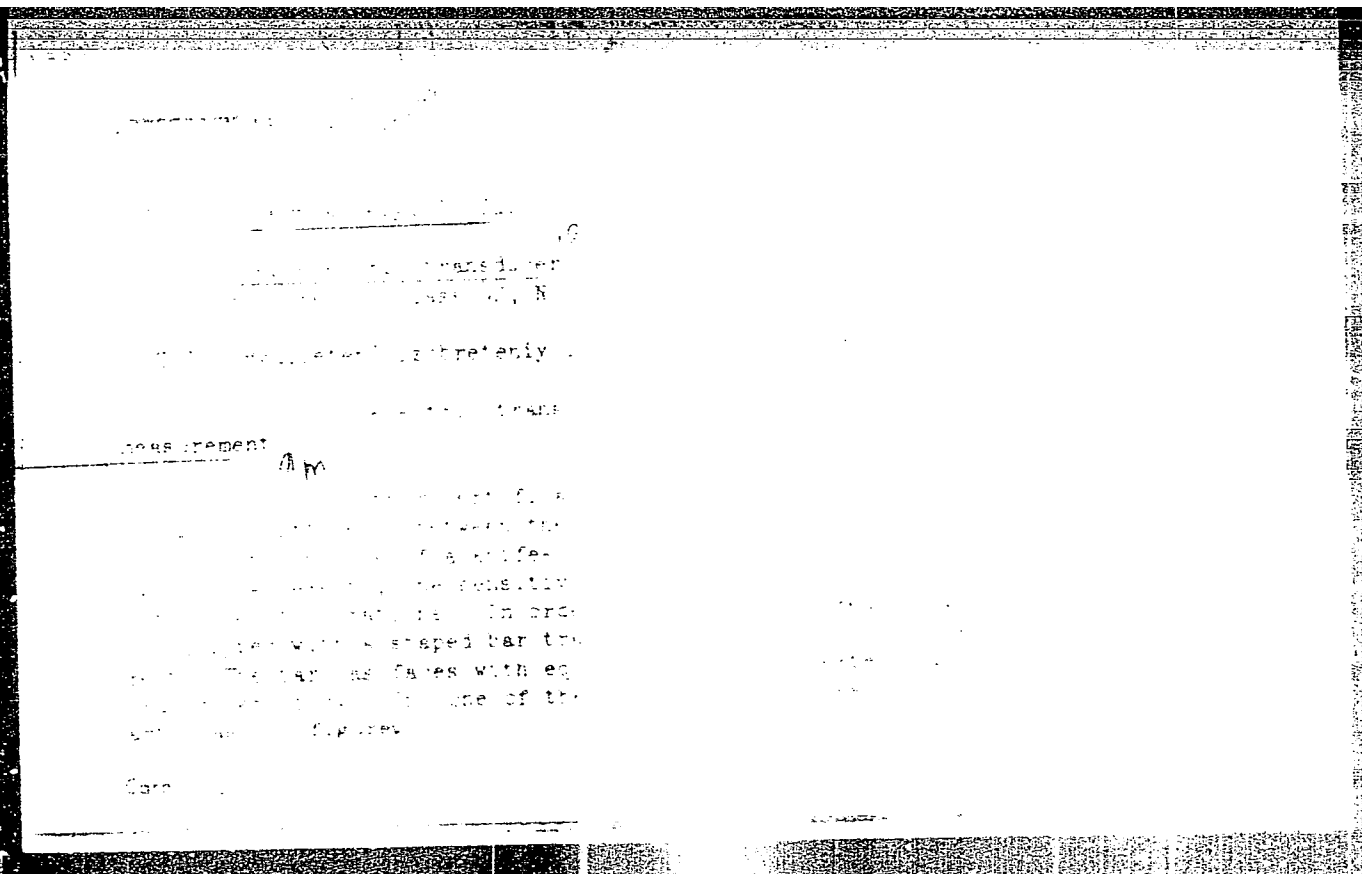
Further development of the construction of electric locomotives.
Zhel.dor.transp. 47 no.4:43-49 Ap '65.

(MIRA 18:6)

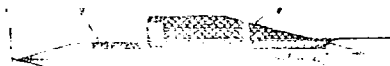
1. Direktor Novocherkasskogo elektrozostroitel'nogo zavoda i Vsesoyuznogo nauchno-issledovatel'skogo i projektno-konstruktor-skogo instituta elektrozostroyeniya (for Bondarenko).
2. Glavnyy inzh. Vsesoyuznogo nauchno-issledovatel'skogo i projektno-konstruktorskogo instituta elektrozostroyeniya (for Yanov).
3. Nachal'nik otдела tekhniko-ekonomicheskikh issledovaniy Vsesoyuznogo nauchno-issledovatel'skogo i projektno-konstruktor-skogo instituta elektrozostroyeniya (for Chernyavskiy).

RYZHOV, O.S. (Moskva); CHERNYAVSKIY, S.Yu. (Moskva)

Reflection of weak disturbances by the nozzle center. Prikl. mat.
i mekh. 23 no.1:86-92 Ja-F '59. (MIRA 12:2)
(Nozzles--Fluid dynamics)



Card 2/3



WAVE

Fig. 1. Piezoelectric pressure transducer

1 - Body; 2 - piezo-elements;
3 - shaped tube pressure sampler.

Card

3/3

30899. CHERNYAVSKIY, U. G.

K issledovaniya pitaniya gorodskogo naseleniya v gody velikoy Otechestvennoy
voyny. Gigiyena i sanitariya, 1949, No. 9, s. 33-38.

~~CHERNYAVSKIY, V.~~

Let us improve technology, Sov.profsoivzy 5 no.8:42 Ag '57.
(MLRA 10:8)

1.Voditel' motevoza, profgruporg uchastka betonovoznoy estakady
"Stalingradgidrostroya."
(Stalingrad Hydroelectric Power Station)

CHERNYAVSKIY, V., inzhener.

Percussive electric vibrator. Znan.sila no.9:13 S '53. (MLRA 6:9)
(Boring machinery)

CHERNYAVSKIY, V., vetvrach

Artificial insemination of animals in Poltava Province. Nauka
i pered.op. v sel'khoz. 9 no.3:33-34 Mr '59. (MIRA 12:5)

1. Poltavskaya gosudarstvennaya stantsiya po iskusstvennomu
osemeneniyu sel'skokhozyaystvennykh zhiivotnykh.
(Poltava Province--Artificial insemination)

CHERNYAVSKIY, V.; KLABUKOV, V.

Transistorized contactless counter. Radio no.9:28-29 S '64.
(MIRA 17:12)

CHERNYAVSKIY, V.

PA 174795

USSR/Radio - Phonographs

Oct 50

"Radio-Phonograph Exhibited in the Eighth Radio Correspondence Exhibition" V. Chernyavsky

"Radio" No 10, pp 14-19

Improved features of Chernyavsky's radio-phonograph are untuned rf amplifier, highly stable oscillator, variable i-f pass band, and improved AVC. Superhet receiver uses following tubes: 6AC7 rf amplifier, 6SA7 mixer-first detector, 6W7 local oscillator, 6U7 i-f amplifier, 6H6 second detector and AVC detector, 6SK7 first audio amplifier, and 6V6 output tube. Also has 6E5 tuning

174795

USSR/Radio - Phonographs
(Contd)

Oct 50

Indicator, 504 rectifier, and 105-C-5-30 voltage regulator. Frequency bands: 150-430 kc, 500-1,500 kc, and 4.1-9.8 Mc.

174795

CHERNYAVSKIY, V.

USSR/Radio - Wired Centers
Amplifiers

Dec 50

"The MGSRTU-Type Wired Radio Equipment," I. Zlatin,
V. Chernyavskiy

"Radio" No 12, pp 16-19

Gives schematic diagrams of interunit (amplifier,
receiver, phonograph) connections of MGSTRU-100-A
equipment. MGSRTU-100 and -100-A differ from -50
and 50-A ("Radio" No 11, 1950) mainly through use
of 100-w instead of 50-w amplifier.

177T90

CHERNYAVSKIY, V.

"The economical output stage," Radio, 1951.

188T109

USSR/Radio - Receivers
Ultrashort Waves

Mar 51

"An Ultrashort-Wave Receiver for Amateur Communications," V. Chernyavskiy

"Radio" No 3, pp 39-41

Explains simple ultrashort-wave superregenerative receiver covering the 80-90 Mc band. Chief defects of this receiver type, i.e., strong antenna radiation and sensitiveness of tuning to antenna parameters, were lessened by using an rf amplification stage with negligible through capacitance in front of superregenerative stage. Low through capacitance was obtained with a 6N15 (6J6) twin triode, the 1st being

188T109

USSR/Radio - Receivers (Contd)

Mar 51

used as a cathode-loaded amplifier and the 2d as a grounded-grid amplifier.

188T109

CHERNYAVSKIY, V.

CHERNYAVSKIY, V.

PA 195T73

USSR/Radio - Radio Phonographs

Jul 51

"A Radio-Phonograph," V. Chernyavskiy

"Radio" No 7, pp 17-22

The radio-phonograph contains a 4-tube superheterodyne receiver with 5 pre-tuned stations, a 4-tube af amplifier, low-frequency and hf loud-speakers, 2 selenium rectifiers, and the phonograph unit (with an elec motor and a crystal pickup). This radio-phonograph was awarded a 2d prize in the receiving equipment section of the 9th All-Union Radio Exhibition.

195T73

CHERNYAVSKIY, V.

USSR/Radio - Amplifiers

Nov 51

"A High-Quality Amplifier," V. Chernyavskiy

"Radio" No 11, pp 37-42

Description of a 10-w af amplifier intended for reproduction of phonograph records and radio transmissions. The unit has a pass band of 15-20,000 cps with a harmonic factor of 0.5%. Its special feature is a "dynamic noise filter," which automatically contracts the pass band if noise is present and restores the full pass band when the reproduction is free of noise.

208770

CHERNYAVSKIY, V.

"RC sound filter."

So. Radio, Vol. 1, p. 54, 1952

CHERNYAVSKIY, V.

Radio - Receivers and Reception

Reception of local radio stations on the "Leningrad - 50." Radio No. 3, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Uncl.

CHERNYAVSKIY, V.

Improving the quality of low-frequency reproduction by small-size receiver
sets. Radio no.7:50-51 J1 '53. (MLRA 6:7)
(Radio--Receivers and reception)

CHERNYAVSKIY, V.

Antenna amplifier for long-distance television reception. Radio no.8:47-50
Ag '53. (MIRA 6:8)

(Television--Receivers and reception)

Author describes a 4-stage antenna amplifier he developed for reception of the Moscow Television Center in Yaroslavl'. Picture was received approximately 80% of the time with a definition of about 300 lines on a home-made receiver and on a Leningrad T-2,"

261T78

CHERNYAVSKIY, V.

USSR/Electronics - Television

Card 1/1

Author : Chernyavskiy, V.

Title : Long-Range Television reception with the T-2 "Leningrad"

Periodical : Radio, 3, 35, Mar, 1954

Abstract : Reception distance can be increased through an increase in sensitivity of the picture channel. This can be accomplished by increasing the capacities of the trimmers and turning the rotors to 10-15°.

Institution :

Submitted :

CHERNYAVSKIY, V.

USSR/Electronics - Amplifiers

Card : 1/1 Pub. 89 - 21/24

Authors : Chernyavsky, V.

Title : A two-channel amplifier

Periodical : Radio 6, 53 - 56, June 1954

Abstract : A two-channel amplifier, designed for high-fidelity reproduction of gramophone records and for amplification of transmissions from local radio stations, is described. Special features of the amplifier are its operation on a relatively small number of tubes and the separate amplification of audio and radio frequencies. The electrical parameters of the amplifier are listed in detail. The methods of assembling and regulating the amplifier's operation are explained, and the dimensions of the chassis and general data on the amplifier's component parts are given. Five diagrams including one detailed block-diagram.

Institution : ...

Submitted : ...

CHERNYAVSKIY, V. (Yaroslavl').

The KFU standard phonograph playback. Radio no.10:
37-39 '56.

(MLRA 9:11)

(Phonograph)

CHERNYAVSKIY, V.

Problems of optimizing planning. Vop. ekon. no. 11:115-122
N '63. (MIRA 17:2)

CHERNYAVSKIY, V.A.
USSR/Chemistry - Chemical engineering, Sulfuric acid

FD-3374

Card 1/1 Pub. 50 - 18/20

Author : Chernyavskiy, V. A.

Title : Improvement in the reliability of the operation of the drive of
 spraying appliances in sulfuric acid towers

Periodical : Khim. prom. No 7, 434, Oct-Nov 1955

Abstract : Suggests that a V-belt drive be used on turbines which spray sul-
 furic acid. One figure.

Institution : Neva Chemical Plant

SHAPIRO, Aleksandr Yakovlevich; CHERNYAVSKIY, V.A., red.; FOMKINA, T.A.,
tekhn.red.

[Methods of repairing equipment of chemical plants] Tekhnologiya
remonta oborudovaniia khimicheskikh zavodov. Leningrad, Gos.
nauchno-tekhn.izd-vo khim. lit-ry, 1958. 367 p. (MIRA 12:1)
(Chemical industries--Equipment and supplies--
Maintenance and repair)

CHERNYAVSKIY, V. [A]

Gas

Artificial gas in everyday use. Nauka i zhizn' 20, No. 2, 1953.

Monthly List of Russian Accessions, Library of Congress, June 1953. Uncl.

CHERNYAVSKIY, V.A.

New gas stove. Nauka i zhizn' 20 no.8:25 Ag '53.

(MLA 6:8)
(Stoves, Gas)

CHERNYAVSKIY, V.A., inzhener.

Vertical gas boilers. Gor.khoz.Mosk. 27 no.7:24-26 J1 '53. (MLRA 6:7)
(Boilers)

CHERNYAVSKIY, V.A., inzhener.

Use of cement in place of lead in spigot and socket joints of
cast iron gas pipes. Gor.khoz.Mosk. 27 no.12:30 D '53. (MLRA 6:12)
(Pipe fittings)

CHERNYAVSKIY, V.A., inzhener.

~~CHERNYAVSKIY, V.A.~~
Cast iron and bronze petcocks for domestic gas pipe systems.
Gor.khoz. Mosk. 28 no. 2:42 P '54. (MLRA 7:5)
(Faucets)

CHERNYAVSKIY, V.A.

Useful manual on fuel gas. Manual for technical and administrative personnel of kindergartens, nurseries, schools and public eating establishments using gas as fuel. Gaz. prom. no.10:35 0 '58. (MIRA 11:11)
(Gas as fuel)

CHERNYAVSKIY, V.A., inzh.

Improve the welding of pipelines. Gor. khoz. Mosk. 35 no.2:33-34,
F '61. (MI: A 14:2)

(Pipelines--Welding)

GOMZYAKOVA, N.V.; TERSKOV, I.A.; CHERNYAVSKIY, V.A.

Quantitative content of methemoglobin in individual erythrocytes.
Izv. SO AN SSSR no.12: Ser. biol.-med. nauk no.3:122-126 '64.
(MIRA 18:6)

1. Institut fiziki Sibirskogo otdeleniya AN SSSR, Krasnoyarsk.

CHERNYAVSKIY, V.I.

Studying machine-tractor stations' zones from the point of view
of economic geography. Trudy VGU 42 no.4:27-28 '55. (MIRA 11:6)
(Machine-tractor stations) (Geography, Economic).

CHERNYAVSKIY, Vitaliy Isidorovich

[P.P.Semenov-Tian-Shanskii and his work in geography]
P.P.Semenov-Tian-Shanskii i ego trudy po geografii. Moskva,
Gos.izd-vo geogr.lit-ry, 1955. 295 p.

(MIRA 14:2)

(Semenov-Tian-Shanskii, Petr Petrovich, 1827-1914)

CHERNYAVSKIY, V. M.

USSR/Chemistry

Jul 49

Water Purification
Electric Power Stations

"Exploitation of H-Na-Cationite Water Purifiers,"
P. S. Mikhaylenko, V. M. Chernyavskiy, Engineers,
85 pp

PA 51/49T8

"Elek Stants" No 7

Exploitation of first three H-Na-cationite units in
a system of the Min of Elec Power Plants has shown
that the arrangement for regenerating H-cationite
filters by adding a 1.5% sulfuric acid solution to
them is cumbersome, requires acid-resisting

51/49T8

USSR/Chemistry

(Contd)

Jul 49

equipment protection and causes difficulties in
exploitation. Discusses more efficient exploitation
using parallel H-E-Na cationization and concen-
trated sulfuric acid.

51/49T8

CHERNYAVSKIY, V.M.

27072

Opyt raboty kationitovogo fil'tra bez kvartsevoy podstilki. Za ekonomiyu topliva, 1949, No. 8. S. 31-32

SO: LETOPIS' NO. 34

CA CHERNYAVSKIY, V.M.

Values for H-cationite water-softening installations.
V. M. Chernyavskii. Za Eksp. Toplota 6, No. 11, 30
1949. Cast iron coated with a perchlorinated lacquer
offers satisfactory corrosion resistance. N. Thon

CHERNYAVSKIY, V.M.

I-11

USSR/Chemical Technology - Chemical Products and Their
Application. Water treatment. Sewage water.

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 12758

Author : Chernyavskiy V.M.

Inst : Moscow Power Installations

Title : Experience with Operation of 64-Atmosphere Boilers with
Large Addition of Production Condensate

Orig Pub : Inform. materialy Mosenergo, 1955, No 8, 20-25

Abstract : In the overall balance of feed water the condensate that
is returned to the central heat and power plant by the
heat consumers, amounts to as much as 60%. As a result
of corrosion of the condensate lines there is introduced
into the boilers a large amount of corrosion products
(Fe^{2+} concentration in the condensate 0.5-1.5 mg/liter),
which promote the formation of bulges on radiator pipes.
To prevent this, use is made at the central heat and po-
wer plant of periodic acid washing, intensified blowing
operations and increased phosphatization.

- 177 -

Card 1/1

GURVICH, Semen Markovich; CHERNYAVSKIY, V.M., inzh., retsentsent;
MAMET, A.P., prof., red.; SINEL'NIKOVA, L.N., red.

[Water-treatment plant technician] Apparatchik vvedepod-
gotovki. Moskva, Energiia, 1964. 279 p.
(MIRA 18:2)

CHERNYAVSKIY, V. O.

Determining the effectiveness of capital investments in ferrous metallurgy. Vop. ekon. no.7:93-102 J1 '59.

(MIRA 12:11)

(Steel industry--Finance)

CHERNYAVSKIY, V.O.

Investigating the effectiveness of capital investments in industrial
mechanization and automatization. Stal' 20 no.10:954-956 0 '60.

(MIRA 13:9)

(Metalworking machinery)

(Automatic control)

CHERNYAVSKIY, Vasilii Osipovich; ROZOVSKIY, L.Ya., red.; PONOMAREVA,
A.A., tekhn. red.

[Problems in the methodology for calculating the effectiveness of capital investments] Voprosy metodiki raschetov effektivnosti kapital'nykh vlozhenii. Moskva, Gos. izd-vo planovo-ekonom. lit-ry, 1961. 65 p. (MIRA 14:10)

1. Glavnyy spetsialist Gosudarstvennogo ekonomicheskogo soveta SSSR (for Chernyavskiy).
(Capital investments)

CHERNYAVSKIY, V.

Accounting for the time factor in construction. Vop.ekon.
no.4:86-91 Ap '61. (MIRA 14:3)
(Construction industry—Costs)

CHERNYAVSKIY, V.

Selecting projected variants. Vop. ekon. no.12:125-132 D '62.
(MIRA 16:1)

(Capital investments)

ITIN, L.I., prof., ~~dektor~~ ekonom.nauk; CHERNYAVSKIY, V.O.; RADCHENKO, I.A.;
LIVSHITS, S.A.

"Metal turnover in the national economy of the U.S.S.R." by L.L.
Zusman. Reviewed by L.I. Itin and others. Stal' 22 no.10:
950-953 0'62. (MIRA 15:10)

1. Moskovskiy institut narodnogo khozyaystva im. G.V.Plekhanova (for
Itin). 2. Gosudarstvennyy nauchno-ekonomicheskiy sovet Soveta
Ministrov SSSR (for Chernyavskiy). 3. Gosudarstvennyy institut po
proyektirovaniyu predpriyatiy po proizvodstvu stali (for Radchenko,
Livshits).

(Zusman, L.L.)

(Metals)

CHERNYAVSKIY, Vasilii Osipovich; BIRMAN, I.Ya., red.; BAZLOVA, Ye.M.,
mladshiy red.; PONOMAREVA, A.A., tekhn.-red.

[Studies on the problems of economic efficiency] Ocherki po
voprosam ekonomicheskoi effektivnosti. Moskva, Ekonomizdat,
1963. 137 p. (MIRA 16:3)

(Economics)

CHERNYAVSKIY V. P.

USSR / Diseases of Farm Animals. Diseases Caused by
Viruses and Rickettsiae.

R-2

Abs Jour : Ref Zhur - Biol., No 17, 1958, No 78948

Author : Chernyavskiy, V. P.

*Inst : ~~Not given~~

Title : Significance of Mass Immunizations of Dogs in the Pro-
phylaxis of Rabies.

Orig Pub : Veterinariya, 1957, No 8, 50-51

Abstract : In connection with the slight effectiveness of measures
used earlier of prophylaxis of rabies, a method of mass
prophylaxis was used in the environs of Khar'kov in
1955, with inoculations of dogs with an antirabies vac-
cine. In the first days after the vaccination, the dogs
(81) fell ill, seemingly as if found in an incubation
period. Then no illness was observed for the course of
three months, after which single cases of rabies began

* VETSANINSPEKTSIYA KHAR'KOVSKOGO GORODOKRA

Card 1/2

ACC NR: AP7005205

SOURCE CODE: UR/0185/66/011/011/1235/1237

AUTHOR: Chernyavskiy, V. P. -- Chernyavs'kyy, V. P.; Goryunova, N. A. --
Horyunova, N. O.; Khansenvarov, R. Yu.

ORG: Kiev Pedagogical Institute (Kiyivs'kyy pedinstytut); Physicotechnical
Institute im. A. F. Ioffe, Leningrad (Fizyko-tekhnichnyy instytut)

TITLE: Dependence of the forbidden-zone width on the solid solution composition
in the $2\text{CdTe}-\text{CuInTe}_2$ section of the $\text{Cu}-\text{Cd}-\text{In}-\text{Te}$ system

SOURCE: Ukrayins'kyy fizychnyy zhurnal, v. 11, no. 11, 1966, 1235-1237

TOPIC TAGS: solid solution, forbidden zone width, alloy composition

ABSTRACT: The dependence of the forbidden-zone width on the solid solution
composition in the $2\text{CdTe}-\text{CuInTe}_2$ section has been studied at room temperature.
The forbidden zone width of the alloys was determined by the optical method. The
curve of this dependence has a break at a point corresponding to the minimum
value of the forbidden-zone width—0.86 eV at an alloy composition of $2\text{Cd Te}-$
 3CuInTe_2 . By analogy with the nature of this dependence for a number of other

Card 1/2

ACC NR: AP7005205

systems of solid solutions, the initial components of which have different zonal structures, it was concluded that the zonal structure of solid solutions of the given system changes with alloy composition of $2\text{CdTe} \cdot 3\text{CuInTe}_2$ and that the zonal structures of CdTe and CuInTe_2 are different. Orig. art. has: 2 figures.
[Authors' abstract]

[AM]

SUB CODE: 11, 20/SUBM DATE:: none/ORIG REF: 005/OTH REF: 002/

Card 2/2

CHERAYANSKY, U.S.

16(1) PHASE I BOOK EXPLOITATION SOV/2660

Vsesoyuzny matematicheskiy s'yezd. 3rd, Moscow, 1956

Trudy. t. 4: Krestnye soderzaniye sektsionnykh dokladov. Doklady inostrannykh uchennykh (Transactions of the 3rd All-Union Mathematical Conference in Moscow, vol. 4: Summary of Sectional Reports. Reports of Foreign Scientists) Moscow, Izd-vo AN SSSR, 1959. 247 p. 2,200 copies printed.

Sponsoring Agency: Akademiya nauk SSSR. Matematicheskii institut.

Tech. Ed.: G.M. Shvachko; Editorial Board: A.A. Abramov, V.G. Boltynskiy, A.M. Vasil'yev, B.V. Medvedev, A.D. Myshkis, S.M. Nimi'skiy (Resp. Ed.), A.G. Postnikov, Yu. V. Prokhorov, K.A. Rybnikov, P. L. Ulyanov, V.A. Uspenskiy, M.G. Chetaev, G. Ye. Shilov, and A.I. Shirshov.

PURPOSE: This book is intended for mathematicians and physicists.

COVERAGE: The book is Volume IV of the Transactions of the Third All-Union Mathematical Conference, held in June and July 1956. The book is divided into two main parts. The first part contains summaries of the papers presented by Soviet scientists at the Conference that were not included in the first volume. The second part contains the text of reports submitted to the editor by non-Soviet scientists. In those cases when the non-Soviet scientist did not submit a copy of his paper to the editor, the title of the paper is cited and, if the paper was printed in a previous volume, reference is made to the appropriate volume. The papers, both Soviet and non-Soviet, cover various topics in number theory, algebra, differential and integral equations, function theory, problems of mechanics, probability theory, topology, mathematical problems of physics, computational mathematics, mathematical logic and the foundations of mathematics, and the history of mathematics.

Kolman, A.A. (Moscow). Remarks in connection with reduction theorems in logical analyses	85
Kolman, E.A. (Moscow). On material and formal implications	86
Rumetsov, A.V. (Moscow). Certain problems of the classification of predicates and functions	86
Orlovskiy, E.S. (Leningrad). Barely algorithmic operators	87
Povarov, G.N. (Moscow). On the symmetry of Boolean functions	89
Pavlovich, B.Ya. (Blagoveshchensk). Incompleteness theorems in systems with infinite induction	89
Chernavskiy, V.S. (Moscow). On one simplification of normal algorithms	91
Section on Computational Mathematics	
Card 17/34	

82856

16.6800

S/112/60/000/008/005/012

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1960, No. 8, p. 285,
4.7351

AUTHOR: Chernyavskiy, V.S.

TITLE: On One Class of Normal Markov Algorithms ¹⁶

PERIODICAL: V sb.: Logicheskiye issledovaniya, Moscow, AS USSR, 1959, pp.
263-299

TEXT: The theory of normal algorithms studies processes which are comprised in the transformation of words, i.e. the ordered composing of letters of some finite alphabet. From the class of normal algorithms the subclass of so-called shuttle algorithms can be distinguished, which for every normal algorithm contains a shuttle algorithm equivalent to the normal one. The conception of shuttle algorithm is made more precise by a number of examples. The properties of shuttle algorithms which are used for their definition are laid down. It is pointed out that, together with the formal idea of the shuttle, it is possible to give it an intuitive interpretation like that of a reasonable being, which is able to carry out definite operations and acts according to instructions given by a table. The author describes a method of composing shuttle algorithms, i.e. to build up

Card 1/2

On One Class of Normal Markov Algorithms

82856

S/112/60/000/008/005/012

complex algorithms with the aid of simple ones. He proves the equivalence of shuttle algorithms and normal ones. Algorithms in single-letter extensions of the alphabet are analyzed. The equivalence of the T'yuring-type machine with shuttle algorithms, and consequently also with normal ones, is proved. The author gives a definition of a universal algorithm, its circuit and tables. Some special features of shuttle algorithms are investigated.

E.A.G.

Translator's note: This is the full translation of the original Russian abstract.

Card 2/2

16.0200

30007

S/550/60/009/000/006/008
D234/D305

AUTHOR: Chernyavskiy, V.S.

TITLE: On the reversibility of algorithms

SOURCE: Moskovskoye matematicheskoye obshchestvo. Trudy,
v. 9, 1960, 425 - 452

TEXT: The results of this article were reported to the Moscow Mathematical Association on November 30, 1959. The author defines as the T'yuring machine [Abstractor's note: Name not identified] one which works on a tape divided into squares; each square contains a letter from a certain alphabet $a_1, a_2, \dots, a_m$ called the alphabet of letters of the machine. The machine is always in some state q_1 from the set $q_1, q_2, \dots, q_n$ called the alphabet of states which can be different for different machines. The machine possesses a working organ which "sees" the content of a particular square at a time, and according to what is seen and to the state in which the machine is, a new letter is printed in the square, the machine pas-
Card 1/4

30007

S/550/60/009/000/006/008

D234/D305

On the reversibility of algorithms

ses into some new state or remains in the old state, and moves to the next square on the right or left, or remains in the same square. The work of every particular machine is determined by a list of commands having the form $q_{1s} a_{js} a_{ks} q_{1s} 0_s$ (0_s being one of the let-

ters R, L, C), to be read as follows: "being in the state q_{1s} and

seeing the letter a_{js} , print the letter a_{ks} , pass to the state q_{1s}

and move correspondingly to the right or left, or do not move". The situation of the Turing machine is defined as the tape having a specified letter in each square + specification of the square in which the machine is + specification of the state of the machine.

If two different situations C_1 and C_2 go over into the same situa-

tion C_3 during one working stroke of the machine, they are called coincident situations. Turing's machine is called reversible if there are no coincident situations which it can reach. Two Turing machines are called equivalent with respect to an alphabet A if, having started from the same initial situation in the alphabet, they

Card 2/4

30007

S/550/60/009/000/006/008
D234/D305

On the reversibility of algorithms

part). Methods for constructing T_2 are again considered in detail.
There are 1 figure and 2 Soviet-bloc references.

SUBMITTED: October 10, 1959

Card 4/4

YUSHCHENKO, Yekaterina Logvinovna, kand. fiz.-mat. nauk;
CHERNYAVSKIY, V.S., kand. fiz.-mat. nauk, retsenzent;
NAVROTSKAYA, L.B., inzh., red.izd-va; BEREZOVYI, V.N.,
tekhn. red.

[Address programming] Adresnoe programmirovaniye. Kiev,
Gostekhnizdat USSR, 1963. 287 p. (MIRA 17:1)

BERNSHTEYN, E.S.; LAKHUTI, D.G.; CHERNYAVSKIY, V.S.

Designing descriptor information retrieval systems. NTI
no.1:31-33 '63. (MIRA 16:8)

VLEDUTS, G.E.; LAKHUTI, D.G.; CHERNYAVSKIY, V.S.

Inversion principle of setting up an information storage and retrieval system. NTI no.4:13-19 '63. (MIRA 16:10)

L 23453-65

ACCESSION NR: AP4049559

obtained as a by-product of the activities of
the Central Intelligence Agency of such as
the paper sector. The paper sector
is a by-product of the line-in total.
Several types of paper are used. Several types
illustrated. Orig. art. has: 3 figures.

Initial contact with the

ASSOCIATION: none

SUBMITTED: 02Dec63

ENCL: 00

SUB CODE: DP

NO REF SOV: 007

OTHER

Card 2/2

BERNSHTEYN, E.S.; LAKHUTI, D.G.; CHERNYAVSKIY, V.S.

Criteria for evaluating information searching systems. NTI no.3:
22-32 '64. (MIRA 17:9)

PUSHKARSKAYA, R.I.; CHERNYAVSKIY, V.S.

Automatic compilation of a subject index. NTI no.7:19-20 '64.
(MIRA 17:11)

LAKHUTI, D.G.; CHERNYAVSKIY, V.S.

Algorithmic recognition of the meaning of homonyms; preliminary
report. NTI no.1:46-47 '65. (MIRA 18:6)

S/272/63/000/001/004/006
E194/E155

AUTHOR: Chernyavskiy, V.V.

TITLE: A high-frequency electronic moisture meter

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk, Metrologiya
i izmeritel'naya tekhnika, no.1, 1963, 48,
abstract 1.32.331. (Konservn. i ovoshchesush.
prom-st', no.6, 1962, 12-17)

TEXT: An electronic moisture meter for organic and mineral materials which behave as dielectrics is described. It is based on the relationship between the dielectric loss in the product in a high-frequency field and its moisture content. The use of polytetrafluorethylene and fibre glass cloth insulation, whose properties are practically independent of temperature and ambient moisture, and also the use of printed circuits and sub-miniature tubes and components, made the instrument very stable and compact. It consists of a pick-up generator operating at a frequency of about 40 Mc/s and a measuring unit located in a steel frame 350 x 230 x 190 mm. The power pack, designed for long-term continuous operation, draws 25 W at 220 V a.c. The instrument has
Card 1/2

A high-frequency electronic moisture... S/272/63/000/001/004/006
E194/E155

two ranges, of up to 20% and over 20% absolute humidity. In measuring humidities over 10% the error does not exceed 1%; at lower values 0.5%. In the temperature range from 10 to 80° the readings are practically independent of the ambient or material temperatures. Moisture measurements are made by immersing the pick-up directly in the product or putting on the pick-up a container (a rectangular box of transparent plastic 3 mm thick of 125 x 85 x 90 mm) filled with the product to be measured. The instrument pick-up can be located in a continuously-moving flow of product. A measurement can be made in a few minutes.

[Abstractor's note: Complete translation.]

Card 2/2

KRUTOV, D.N.; TERMER, V.Yu.; DOSHCHATOV, V.V.; KUZNETSOV, L.N.; GUZHOV, N.N.;
CHERNYAVSKIY, V.Y.

Electronic contactless system for primary accounting. Kauch.
i rez. 23 no.9:34-37 S '64. (MIRA 17:11)

1. Yaroslavskiy proyektno-tekhnologicheskii i nauchno-issledovatel'skiy institut i Yaroslavskiy shinnyy zavod.

CHERNYAVSKIY, V.V.; KLABUKOV, V.V.

Contactless transistorized counting device for tires. Kauch. i
rez. 24 no.2:49-51 F '65. (MIRA 18:4)

1. Proyektno-tekhnologicheskii i nauchno-issledovatel'skiy
institut Verkhne-Volzhskogo Soveta narodnogo khozyaystva,
Yaroslavl'.

KLABUKOV, V.V.; CHERNYAVSKIY, V.V.

Noncontact transistor counter. Priborostroyeniye no.7:27 J1 '65.
(MIRA 18:7)

YESHCHENVA, N.I., kandidat tekhnicheskikh nauk; CHERNYAVSKIY, V.Ia.,
redaktor; YUDZON, D.M., tekhnicheskiy redaktor.

Through railroad lines in large cities. Trudy TSNII MPS no.75:
3-197 '53. (MLRA 7:11)
(Railroads)

CHERNYAVSKIY, V. Ya., inzhener

Scientific and Technical Society holds conference. Transp. stroi
5 no.5:26-27 J1'55. (MIRA 8:12)
(Railroad engineering--Congresses)

CHERNYAVSKIY, V. Ya., inzhener.

Railroad literature in 1956. Tekh.zhel.dor. 15 no.1:31-3 of
cover Ja-F '56. (MLRA 9:5)

1. Glavnyy redaktor Transzheldorizdata.
(Bibliography--Railroad engineering)

CHERNYAVSKIY, V.Ya.

What is to be published for signaling and communications workers in
1957. Avtom., telem. i svyaz' no. 2:47-48 F '57. (MIRA 10:4)

1. Glavnyy redaktor ~~Transzheldorizdata~~.
(Railroads--Signaling)

CHERNYAVSKIY, V.Ya.

New books for workers in signaling, central control and block systems, and communications. Avtom., telem. i sviaz' 2 no.2:47-48 F '58. (MIRA 11:1)

1. Glavnyy redaktor Transzheldorizdata.
(Bibliography--Railroad--Signaling)

CHERNYAVSKIY, V.Ya.

New books for railroad workers. Vest.TSNII MPS 18 no.2:62-63
Mr '59. (MIRA 12:6)

1. Glavnyy redaktor Transzheldorizdata.
(Bibliography--Railroad engineering)

85-57-12-26/29

AUTHOR: Chernyavskiy, Ya.

TITLE: New Books (Novyye knigi)

PERIODICAL: Kryl'ya rodiny, 1957, Nr 12, p 32 (USSR)

ABSTRACT: A new book by P.A. Tokarev, Engr Col, entitled Master of the Airplane (Khozyain samoleta) is reviewed.

AVAILABLE: Library of Congress

Card 1/1 1. Books-Review

Sov/85-58-8-9/40

AUTHOR: Chernyavskiy, Ya. (Voronezh)

TITLE: For First Place in Voronezh Oblast (Na pervenstvo Voronezhskoy oblasti)

PERIODICAL: Kryl'ya rodiny, 1958, Nr 8, p 3 (USSR)

ABSTRACT: The author tells of contests in model-aircraft building among the young people of Voronezh Oblast.

Card 1/1

CHERNYAVSKIY, Ya.

Potentialities and reality. Kryn.rod. 11 no.10;22-23 0 '60.

(MIRA 13:11)

(Astrakhan--Aeronautics--Competitions)

CHERNYAVSKIY, Ya.

"Skies and earth" by IU. M. Ivanov. Reviewed by IA. Cherniavskii.
Kryl. rod. 11 no.12:21 D '60. (MIRA 14:3)
(Parachuting)
(Ivanov, IU.M.)

CHERNYAVSKIY, Ya.

"First flight to the stars." Kryl.rod. 12 no.10:28 0 '61.

(MIRA 15:2)

(Gagarin, Iurii Alekseevich, 1934-)

(Motion pictures, Documentary)

CHERNYAVSKIY, Ya.

"At the dawn of Soviet aviation" by L.M.Shishov. Reviewed by
IA.Cherniavskii. Kryl.rod. 12 no.5:31 My '61. (MIRA 14:7)
(Aeronautics) (Shishov, L.M.)

CHERNYAVSKIY, Y.A.
CSEBNJARSZKIJ, J. [Chernayarskiy, Y.]

Rotary-wing aircrafts on the sky. Repules 14 no.10:6 0 '61.

1. Krilya rodini szerkesztoje.

CHERNYAVSKIY, Ya.

Captains of helicopters. Kryn. rod. 14 no.2:4 F '63.
(MIRA 16:4)

(Helicopters—Piloting)

CHERNYAVSKIY, Ya.

Minsk, Moskovskaya Street 6. Kryl. rod. 15 no.1:19-20
Ja '64. (MIRA 17:2)